

## LIS1 Rabbit Polyclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Primary Antibody                            |
| <b>Code</b>                    | BT-AP03417                                  |
| <b>Host</b>                    | Rabbit                                      |
| <b>Isotype</b>                 | IgG   |
| <b>Size</b>                    | 100ul, 50ul, 20ul                           |
| <b>Immunogen</b>               | Synthesized peptide derived from human LIS1 |
| <b>Mol wt</b>                  | 45100                                       |
| <b>Species reactivity</b>      | Human, Mouse, Rat                           |
| <b>Clonality</b>               | Polyclonal                                  |
| <b>Recommended application</b> | WB  |
| <b>Concentration</b>           | 1 mg/ml                                     |
| <b>Full name</b>               | LIS1  |
| <b>Synonyms</b>                | LIS1  |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

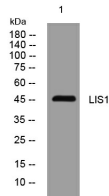
This locus was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. This gene encodes the non-catalytic alpha subunit of the intracellular Ib isoform of platelet-activating factor acetylhydrolase| a heterotrimeric enzyme that specifically catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glycerol-3-phosphorylcholine). Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist: one composed of multiple subunits| the other| a single subunit. In addition| a single-subunit isoform of this enzyme is found in serum.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year